

**CD88 (C5aR)-FC recombinant protein**

<b>Catalog No :</b>	YD3003
<b>Reactivity :</b>	Human;
<b>Purity :</b>	>90% as determined by SDS-PAGE
<b>Gene Name :</b>	C5AR1
<b>Protein Name :</b>	C5a anaphylatoxin chemotactic receptor 1 (C5a anaphylatoxin chemotactic receptor) (C5a-R) (C5aR) (CD antigen CD88)
<b>Sequence :</b>	Amino acid:1-37,with FC tag.
<b>Human Gene Id :</b>	728
<b>Human Swiss Prot No :</b>	P21730
<b>Formulation :</b>	Phosphate-buffered solution
<b>Source :</b>	Mammalian cells
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
<b>Function :</b>	Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a (PubMed:10636859, PubMed:15153520, PubMed:1847994, PubMed:29300009, PubMed:7622471, PubMed:8182049, PubMed:9553099). The ligand interacts with at least two sites on the receptor: a high-affinity site on the extracellular N-terminus, and a second site in the transmembrane region which activates downstream signaling events (PubMed:7622471, PubMed:8182049, PubMed:9553099). Receptor activation stimulates chemotaxis, granule enzyme release, intracellular calcium release and superoxide anion production (PubMed:10636859, PubMed:15153520).
<b>Subcellular Location :</b>	Cell membrane ; Multi-pass membrane protein . Cytoplasmic vesicle . Note=Phosphorylated C5aR colocalizes with ARRB1 and ARRB2 in cytoplasmic vesicles. .

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